

- IGP LAB 2.1 configlerine dönülecek.
- ✓ R06 Eigrp stub router olacak.

```

R08#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override

Gateway of last resort is not set

    1.0.0.0/32 is subnetted, 1 subnets
D       1.1.1.1 [90/2349056] via 192.168.78.7, 00:02:46, Serial1/0
    2.0.0.0/32 is subnetted, 1 subnets
D EX    2.2.2.2 [170/2246707] via 192.168.78.7, 00:02:46, Serial1/0
    3.0.0.0/32 is subnetted, 1 subnets
D EX    3.3.3.3 [170/2246707] via 192.168.78.7, 00:02:46, Serial1/0
    4.0.0.0/32 is subnetted, 1 subnets
D EX    4.4.4.4 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
    5.0.0.0/32 is subnetted, 1 subnets
D       5.5.5.5 [90/2323456] via 192.168.78.7, 00:02:46, Serial1/0
    6.0.0.0/32 is subnetted, 1 subnets
D       6.6.6.6 [90/409600] via 192.168.68.6, 00:02:41, Ethernet0/0
    7.0.0.0/32 is subnetted, 1 subnets
D       7.7.7.7 [90/2297856] via 192.168.78.7, 00:02:46, Serial1/0
  172.16.0.0/32 is subnetted, 12 subnets
D EX    172.16.40.40 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX    172.16.41.41 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX    172.16.42.42 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX    172.16.43.43 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX    172.16.44.44 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX    172.16.45.45 [170/2272307] via 192.168.78.7, 00:02:46, Serial1/0
D EX   192.168.12.0/24 [170/2246656] via 192.168.78.7, 00:02:46, Serial1/0
D EX   192.168.13.0/24 [170/2246656] via 192.168.78.7, 00:02:46, Serial1/0
D     192.168.15.0/24 [90/2221056] via 192.168.78.7, 00:02:46, Serial1/0
D EX   192.168.24.0/24 [170/2758656] via 192.168.78.7, 00:02:46, Serial1/0
D EX   192.168.34.0/24 [170/2272256] via 192.168.78.7, 00:02:46, Serial1/0
D     192.168.51.0/24 [90/2221056] via 192.168.78.7, 00:02:46, Serial1/0
D     192.168.56.0/24 [90/307200] via 192.168.68.6, 00:02:43, Ethernet0/0
D     192.168.57.0/24 [90/2195456] via 192.168.78.7, 00:02:46, Serial1/0
R08#

```

✓ R03 Eigrp stub router olacak.

```
R04#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override
```

```
Gateway of last resort is not set
```

```

1.0.0.0/32 is subnetted, 1 subnets
D      1.1.1.1 [90/14068702] via 192.168.24.2, 00:00:30, Serial1/0
2.0.0.0/32 is subnetted, 1 subnets
D      2.2.2.2 [90/13556702] via 192.168.24.2, 00:00:30, Serial1/0
3.0.0.0/32 is subnetted, 1 subnets
D      3.3.3.3 [90/1024640] via 192.168.34.3, 00:00:28, Ethernet0/0
5.0.0.0/32 is subnetted, 1 subnets
D EX   5.5.5.5 [170/17140062] via 192.168.24.2, 00:00:30, Serial1/0
6.0.0.0/32 is subnetted, 1 subnets
D EX   6.6.6.6 [170/17652062] via 192.168.24.2, 00:00:30, Serial1/0
7.0.0.0/32 is subnetted, 1 subnets
D EX   7.7.7.7 [170/17652062] via 192.168.24.2, 00:00:30, Serial1/0
8.0.0.0/32 is subnetted, 1 subnets
D EX   8.8.8.8 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
172.16.0.0/32 is subnetted, 12 subnets
D EX   172.16.80.80 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   172.16.81.81 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   172.16.82.82 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   172.16.83.83 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   172.16.84.84 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   172.16.85.85 [170/27892062] via 192.168.24.2, 00:00:30, Serial1/0
D      192.168.12.0/24 [90/14068062] via 192.168.24.2, 00:00:30, Serial1/0
D      192.168.13.0/24 [90/1536000] via 192.168.34.3, 00:00:29, Ethernet0/0
D EX   192.168.15.0/24 [170/14580062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   192.168.51.0/24 [170/14580062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   192.168.56.0/24 [170/15092062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   192.168.57.0/24 [170/15092062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   192.168.68.0/24 [170/15604062] via 192.168.24.2, 00:00:30, Serial1/0
D EX   192.168.78.0/24 [170/25332062] via 192.168.24.2, 00:00:30, Serial1/0
R04#
```

✓ Eigrp #CISCO AS 101`de K değerleri aşağıdaki gibi olacak.

```
R04#show ip protocols
*** IP Routing is NSF aware ***

Routing Protocol is "application"
  Sending updates every 0 seconds
  Invalid after 0 seconds, hold down 0, flushed after 0
  Outgoing update filter list for all interfaces is not set
  Incoming update filter list for all interfaces is not set
  Maximum path: 32
  Routing for Networks:
  Routing Information Sources:
    Gateway          Distance          Last Update
  Distance: (default is 4)

Routing Protocol is "eigrp 101"
  Outgoing update filter list for all interfaces is not set
  Incoming update filter list for all interfaces is not set
  Default networks flagged in outgoing updates
  Default networks accepted from incoming updates
  EIGRP-IPv4 VR(CISCO) Address-Family Protocol for AS(101)
  Metric weight K1=1, K2=1, K3=1, K4=1, K5=1 K6=1
  Metric rib-scale 128
  Metric version 64bit
  NSF-aware route hold timer is 240
  Router-ID: 4.4.4.4
  Topology : 0 (base)
    Active Timer: 3 min
    Distance: internal 90 external 170
    Maximum path: 4
    Maximum hopcount 100
    Maximum metric variance 1
    Total Prefix Count: 30
    Total Redist Count: 0

Automatic Summarization: disabled
Maximum path: 4
Routing for Networks:
  4.4.4.4/32
  172.16.40.0/21
  192.168.24.4/32
  192.168.34.4/32
Routing Information Sources:
  Gateway          Distance          Last Update
  192.168.34.3          90          00:01:05
  192.168.24.2          90          00:01:05
  Distance: internal 90 external 170

R04#
```

✓ R01 ve R05 in routing tabloları:

```

R01#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override

Gateway of last resort is not set

 2.0.0.0/32 is subnetted, 1 subnets
D       2.2.2.2 [90/4010] via 192.168.12.2, 00:05:50, Ethernet0/2
 3.0.0.0/32 is subnetted, 1 subnets
D       3.3.3.3 [90/4010] via 192.168.13.3, 00:05:50, Ethernet0/3
 4.0.0.0/32 is subnetted, 1 subnets
D       4.4.4.4 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
 5.0.0.0/32 is subnetted, 1 subnets
D       5.5.5.5 [90/130816] via 192.168.51.5, 00:00:42, Ethernet0/1
 6.0.0.0/32 is subnetted, 1 subnets
D       6.6.6.6 [90/409856] via 192.168.51.5, 00:00:42, Ethernet0/1
 7.0.0.0/32 is subnetted, 1 subnets
D       7.7.7.7 [90/409856] via 192.168.51.5, 00:00:42, Ethernet0/1
 8.0.0.0/32 is subnetted, 1 subnets
D       8.8.8.8 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
172.16.0.0/32 is subnetted, 12 subnets
D       172.16.40.40 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.41.41 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.42.42 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.43.43 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.44.44 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.45.45 [90/55006] via 192.168.12.2, 00:05:50, Ethernet0/2
D       172.16.80.80 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       172.16.81.81 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       172.16.82.82 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       172.16.83.83 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       172.16.84.84 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       172.16.85.85 [90/2323712] via 192.168.51.5, 00:00:42, Ethernet0/1
D       192.168.24.0/24 [90/55004] via 192.168.12.2, 00:05:50, Ethernet0/2
D       192.168.34.0/24 [90/6007] via 192.168.13.3, 00:05:50, Ethernet0/3
D       192.168.56.0/24 [90/281856] via 192.168.51.5, 00:00:42, Ethernet0/1
D       192.168.57.0/24 [90/281856] via 192.168.51.5, 00:00:42, Ethernet0/1
D       192.168.68.0/24 [90/307456] via 192.168.51.5, 00:00:42, Ethernet0/1
D       192.168.78.0/24 [90/2195712] via 192.168.51.5, 00:00:42, Ethernet0/1
R01#

```

```
R05#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override
```

```
Gateway of last resort is not set
```

```

1.0.0.0/32 is subnetted, 1 subnets
D      1.1.1.1 [90/130816] via 192.168.15.1, 00:01:48, Ethernet0/0
2.0.0.0/32 is subnetted, 1 subnets
D EX   2.2.2.2 [170/281907] via 192.168.15.1, 00:01:48, Ethernet0/0
3.0.0.0/32 is subnetted, 1 subnets
D EX   3.3.3.3 [170/281907] via 192.168.15.1, 00:01:48, Ethernet0/0
4.0.0.0/32 is subnetted, 1 subnets
D EX   4.4.4.4 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
6.0.0.0/32 is subnetted, 1 subnets
D      6.6.6.6 [90/409600] via 192.168.56.6, 00:00:55, Ethernet0/2
7.0.0.0/32 is subnetted, 1 subnets
D      7.7.7.7 [90/409600] via 192.168.57.7, 00:00:55, Ethernet0/3
8.0.0.0/32 is subnetted, 1 subnets
D      8.8.8.8 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
172.16.0.0/32 is subnetted, 12 subnets
D EX   172.16.40.40 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   172.16.41.41 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   172.16.42.42 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   172.16.43.43 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   172.16.44.44 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   172.16.45.45 [170/2195763] via 192.168.15.1, 00:01:48, Ethernet0/0
D      172.16.80.80 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D      172.16.81.81 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D      172.16.82.82 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D      172.16.83.83 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D      172.16.84.84 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D      172.16.85.85 [90/2323456] via 192.168.57.7, 00:00:55, Ethernet0/3
D EX   192.168.12.0/24 [170/281856] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   192.168.13.0/24 [170/281856] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   192.168.24.0/24 [170/2195712] via 192.168.15.1, 00:01:48, Ethernet0/0
D EX   192.168.34.0/24 [170/307456] via 192.168.15.1, 00:01:48, Ethernet0/0
D      192.168.68.0/24 [90/307200] via 192.168.56.6, 00:00:55, Ethernet0/2
D      192.168.78.0/24 [90/2195456] via 192.168.57.7, 00:00:55, Ethernet0/3
R05#
```

✓ R08 Default route gönderecek.

```
R04#show ip route 0.0.0.0
Routing entry for 0.0.0.0/0, supernet
  Known via "eigrp 101", distance 170, metric 97024, candidate default path, type
external
  Redistributing via eigrp 101
  Last update from 192.168.24.2 on Serial1/0, 00:00:27 ago
  Routing Descriptor Blocks:
  * 192.168.24.2, from 192.168.24.2, 00:00:27 ago, via Serial1/0
    Route metric is 97024, traffic share count is 1
    Total delay is 42010 microseconds, minimum bandwidth is 1544 Kbit
    Reliability 255/255, minimum MTU 1500 bytes
    Loading 1/255, Hops 5
R04#
```

```
R05#show ip route 0.0.0.0
Routing entry for 0.0.0.0/0, supernet
  Known via "eigrp 100", distance 170, metric 2195456, candidate default path, type
exterl
  Redistributing via eigrp 100
  Last update from 192.168.57.7 on Ethernet0/3, 00:02:12 ago
  Routing Descriptor Blocks:
  * 192.168.57.7, from 192.168.57.7, 00:02:12 ago, via Ethernet0/3
    Route metric is 2195456, traffic share count is 1
    Total delay is 21000 microseconds, minimum bandwidth is 1544 Kbit
    Reliability 255/255, minimum MTU 1500 bytes
    Loading 1/255, Hops 2
R05#
```

✓ R07, 172.16.80.0/24 Manual Summarization yapacak.

```

R05#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override

Gateway of last resort is 192.168.57.7 to network 0.0.0.0

D*EX  0.0.0.0/0 [170/2195456] via 192.168.57.7, 00:05:29, Ethernet0/3
      1.0.0.0/32 is subnetted, 1 subnets
D      1.1.1.1 [90/130816] via 192.168.15.1, 00:13:42, Ethernet0/0
      2.0.0.0/32 is subnetted, 1 subnets
D EX   2.2.2.2 [170/281907] via 192.168.15.1, 00:13:42, Ethernet0/0
      3.0.0.0/32 is subnetted, 1 subnets
D EX   3.3.3.3 [170/281907] via 192.168.15.1, 00:13:42, Ethernet0/0
      4.0.0.0/32 is subnetted, 1 subnets
D EX   4.4.4.4 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
      6.0.0.0/32 is subnetted, 1 subnets
D      6.6.6.6 [90/409600] via 192.168.56.6, 00:12:49, Ethernet0/2
      7.0.0.0/32 is subnetted, 1 subnets
D      7.7.7.7 [90/409600] via 192.168.57.7, 00:12:49, Ethernet0/3
      8.0.0.0/32 is subnetted, 1 subnets
D      8.8.8.8 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
      172.16.0.0/16 is variably subnetted, 12 subnets, 2 masks
D EX   172.16.40.40/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   172.16.41.41/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   172.16.42.42/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   172.16.43.43/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   172.16.44.44/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   172.16.45.45/32 [170/2195763] via 192.168.15.1, 00:13:42, Ethernet0/0
D      172.16.80.0/24 [90/2323456] via 192.168.57.7, 00:00:16, Ethernet0/3
D      172.16.81.81/32 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
D      172.16.82.82/32 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
D      172.16.83.83/32 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
D      172.16.84.84/32 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
D      172.16.85.85/32 [90/2323456] via 192.168.57.7, 00:12:49, Ethernet0/3
D EX   192.168.12.0/24 [170/281856] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   192.168.13.0/24 [170/281856] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   192.168.24.0/24 [170/2195712] via 192.168.15.1, 00:13:42, Ethernet0/0
D EX   192.168.34.0/24 [170/307456] via 192.168.15.1, 00:13:42, Ethernet0/0
D      192.168.68.0/24 [90/307200] via 192.168.56.6, 00:12:49, Ethernet0/2
D      192.168.78.0/24 [90/2195456] via 192.168.57.7, 00:12:49, Ethernet0/3
R05#

```

✓ R06, 7.7.7.7 networkune eşit metric`li iki yoldan gidecek.

```

R06#show ip route eigrp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       + - replicated route, % - next hop override

Gateway of last resort is 192.168.68.8 to network 0.0.0.0

D*EX  0.0.0.0/0 [170/281600] via 192.168.68.8, 00:00:52, Ethernet0/1
      1.0.0.0/32 is subnetted, 1 subnets
D      1.1.1.1 [90/409856] via 192.168.56.5, 00:00:52, Ethernet0/0
      2.0.0.0/32 is subnetted, 1 subnets
D EX   2.2.2.2 [170/307507] via 192.168.56.5, 00:00:52, Ethernet0/0
      3.0.0.0/32 is subnetted, 1 subnets
D EX   3.3.3.3 [170/307507] via 192.168.56.5, 00:00:52, Ethernet0/0
      4.0.0.0/32 is subnetted, 1 subnets
D EX   4.4.4.4 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
      5.0.0.0/32 is subnetted, 1 subnets
D      5.5.5.5 [90/409600] via 192.168.56.5, 00:00:52, Ethernet0/0
      7.0.0.0/32 is subnetted, 1 subnets
D      7.7.7.7 [90/2323456] via 192.168.68.8, 00:00:49, Ethernet0/1
      [90/2323456] via 192.168.56.5, 00:00:49, Ethernet0/0
      8.0.0.0/32 is subnetted, 1 subnets
D      8.8.8.8 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
      172.16.0.0/16 is variably subnetted, 13 subnets, 2 masks
D EX   172.16.40.40/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   172.16.41.41/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   172.16.42.42/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   172.16.43.43/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   172.16.44.44/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   172.16.45.45/32 [170/2221363] via 192.168.56.5, 00:00:52, Ethernet0/0
D      172.16.80.0/24 [90/2349056] via 192.168.56.5, 00:00:52, Ethernet0/0
D      172.16.80.80/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D      172.16.81.81/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D      172.16.82.82/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D      172.16.83.83/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D      172.16.84.84/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D      172.16.85.85/32 [90/409600] via 192.168.68.8, 00:00:52, Ethernet0/1
D EX   192.168.12.0/24 [170/307456] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   192.168.13.0/24 [170/307456] via 192.168.56.5, 00:00:52, Ethernet0/0
D      192.168.15.0/24 [90/281856] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   192.168.24.0/24 [170/2221312] via 192.168.56.5, 00:00:52, Ethernet0/0
D EX   192.168.34.0/24 [170/333056] via 192.168.56.5, 00:00:52, Ethernet0/0
D      192.168.51.0/24 [90/307200] via 192.168.56.5, 00:00:52, Ethernet0/0
D      192.168.57.0/24 [90/307200] via 192.168.56.5, 00:00:52, Ethernet0/0
D      192.168.78.0/24 [90/2195456] via 192.168.68.8, 00:00:52, Ethernet0/1
R06#

```



```
R06#show ip route 7.7.7.7
Routing entry for 7.7.7.7/32
  Known via "eigrp 100", distance 90, metric 2323456, type internal
  Redistributing via eigrp 100
  Last update from 192.168.68.8 on Ethernet0/1, 00:01:13 ago
  Routing Descriptor Blocks:
    192.168.68.8, from 192.168.68.8, 00:01:13 ago, via Ethernet0/1
      Route metric is 2323456, traffic share count is 1
      Total delay is 26000 microseconds, minimum bandwidth is 1544 Kbit
      Reliability 255/255, minimum MTU 1500 bytes
      Loading 1/255, Hops 2
    * 192.168.56.5, from 192.168.56.5, 00:01:13 ago, via Ethernet0/0
      Route metric is 2323456, traffic share count is 1
      Total delay is 80760 microseconds, minimum bandwidth is 10000 Kbit
      Reliability 255/255, minimum MTU 1500 bytes
      Loading 1/255, Hops 2
R06#
```